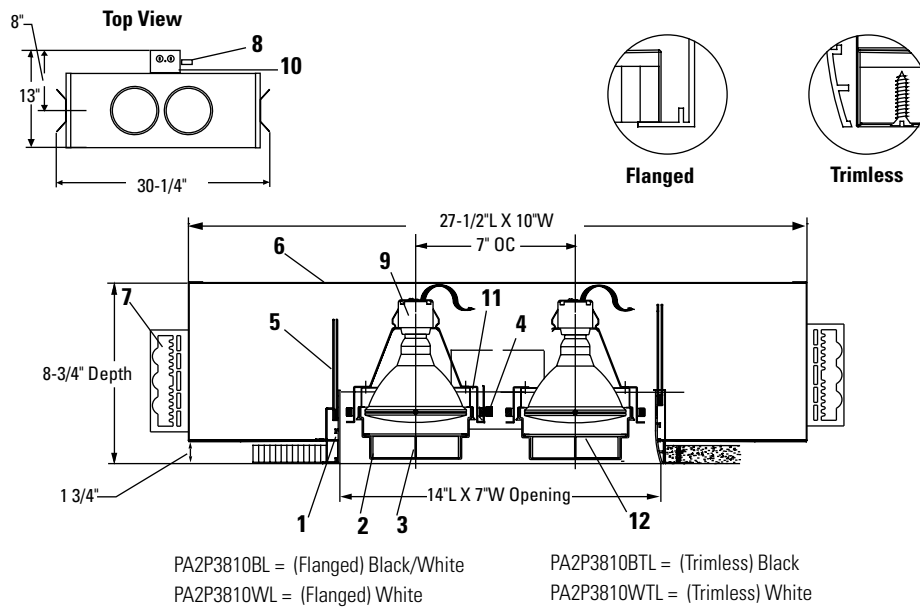


Calculite® ProSpec® Linear Downlight PA2P3810

Page 1 of 2

2 Light PAR 38 Series A



Ceiling Cutout: 15 1/16" L x 8 3/16" W

Ordering Information: PAR 38 Series A

| Cat. No. | Lamp | Ceiling Trim | Aperture Finish |
|-------------|-----------------|--------------|-------------------------|
| PA2P3810BL | (2) 100W PAR 38 | Overlap | Black with White Flange |
| PA2P3810WL | (2) 100W PAR 38 | Overlap | White with White Flange |
| PA2P3810BTL | (2) 100W PAR 38 | Trimless | Black |
| PA2P3810WTL | (2) 100W PAR 38 | Trimless | White |

Features

- Aperture Frame:** Provides clean support for lamp holders and overlapping flange or trimless installation. Extruded aluminum. Rigidly welded together on all corners.
- Media Cartridge:** Allows convenient loading and removal of up to two accessories. Easily installed and removed for lamping with a simple twisting motion. Constructed of die formed aluminum.
- Cross Blade Louver:** Extruded aluminum. 1" deep, provides additional shielding and can be easily removed.
- Adjustable Ring:** Allows 360° horizontal and min 30°, max. 40° (on length); 30° (on width) vertical adjustment.
- Tortionite Spring:** For easy installation of aperture frame.
- Housing:** Die formed 22 ga. steel. Finish: Black.
- Mounting Brackets:** Adjustable vertically from outside of housing.
- Thermal Protector:** Meets NEC, UL, and CSA requirements.
- Lampholder:** Porcelain medium based; nickel plated screw shell. Prewired with #18 SF-1 leads to junction box.
- Junction Box:** 14 ga. steel, 4 x 3 1/2 x 2" box. Allows inspection from below.
- Lamp and Accessory Support:** .032" steel, flared for easy entry of Media Cartridge.
- Lens Retaining Ring:** .093" spring steel rod. Holds accessories in place.

Electrical

UL/cUL listed for through branch circuit wiring with maximum of (8) no. 12 AWG 90° C.

Finish

All painted finishes are powder coated baked enamel.

Options & Accessories

Accessories: 4 3/4" dia. series, filters, lenses, screens, and louver (2) max.

Labels

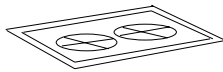
UL/cUL (Suitable for Damp Location), I B E W

US Patent Pending

| Job Information | Type: |
|-----------------|-------|
| Job Name: | |
| Cat. No.: | |
| Lamp(s): | |
| Notes: | |

Lightolier a Genlyte Thomas Company
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We reserve the right to change details of design, materials and finish.
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LIGHTOLIER®



Lighting Performance Data

| | | Narrow | | | | | | | | | | | | | | | | | | | |
|------------------------------------|--|---------------------|-----|-------|-------|--------------------|-----|-------|-------|--------------|-----|-------|-------|---------------------|-----|-------|-------|--------------------|-----|---------|---------|
| | | 45W PAR38 NSP (T-H) | | | | 45W PAR38 SP (T-H) | | | | 75W PAR38 SP | | | | 90W PAR38 NSP (T-H) | | | | 90W PAR38 SP (T-H) | | | |
| DISTANCE | | | | | | | | | | | | | | | | | | | | | |
| FOOTCANDLES (On Beam Center At 6') | | 236 | | | | 131 | | | | 144 | | | | 528 | | | | 333 | | | |
| BEAM SPREAD (To 50% Max. CP) | | 6° | | | | 14° | | | | 12° | | | | 7° | | | | 12° | | | |
| MAX. CANDLEPOWER (Candelas) | | 8,500 | | | | 4,700 | | | | 5,200 | | | | 19,000 | | | | 12,000 | | | |
| RATED LIFE (Hours) | | 2,000 | | | | 2,000 | | | | 2,000 | | | | 2,000 | | | | 2,000 | | | |
| 0° AIMING ANGLE | | | | | | | | | | | | | | | | | | | | | |
| Illumination on Horizontal Plane | | D | FC | L | W | D | FC | L | W | D | FC | L | W | D | FC | L | W | D | FC | L | W |
| | | 7' | 173 | 0.7' | 0.7' | 6' | 131 | 1.5' | 1.5' | 6' | 144 | 1.3' | 1.3' | 10' | 190 | 1.2' | 1.2' | 8' | 188 | 1.7' | 1.7' |
| | | 10' | 85 | 1.0' | 1.0' | 8' | 73 | 2.0' | 2.0' | 8' | 81 | 1.7' | 1.7' | 15' | 84 | 1.8' | 1.8' | 12' | 83 | 2.5' | 2.5' |
| | | 13' | 50 | 1.4' | 1.4' | 10' | 47 | 2.5' | 2.5' | 10' | 52 | 2.1' | 2.1' | 20' | 47 | 2.4' | 2.4' | 16' | 47 | 3.4' | 3.4' |
| | | 16' | 33 | 1.7' | 1.7' | 12' | 33 | 2.9' | 2.9' | 12' | 36 | 2.5' | 2.5' | 25' | 30 | 3.1' | 3.1' | 20' | 30 | 4.2' | 4.2' |
| | | 20' | 25 | 2.1' | 2.1' | 15' | 25 | 3.6' | 3.6' | 15' | 28 | 3.1' | 3.1' | 30' | 21 | 4.0' | 4.0' | 25' | 21 | 5.0' | 5.0' |
| | | 25' | 19 | 2.5' | 2.5' | 20' | 19 | 4.3' | 4.3' | 20' | 21 | 4.8' | 4.8' | 35' | 16 | 4.8' | 4.8' | 30' | 16 | 6.0' | 6.0' |
| | | 30' | 15 | 2.9' | 2.9' | 25' | 15 | 5.1' | 5.1' | 25' | 16 | 5.6' | 5.6' | 40' | 12 | 5.6' | 5.6' | 35' | 12 | 7.2' | 7.2' |
| | | 35' | 12 | 3.3' | 3.3' | 30' | 12 | 5.9' | 5.9' | 30' | 13 | 6.4' | 6.4' | 45' | 10 | 6.4' | 6.4' | 40' | 10 | 8.4' | 8.4' |
| | | 40' | 10 | 3.7' | 3.7' | 35' | 10 | 6.7' | 6.7' | 35' | 11 | 7.2' | 7.2' | 50' | 8 | 7.2' | 7.2' | 45' | 8 | 10.4' | 10.4' |
| | | 45' | 8 | 4.1' | 4.1' | 40' | 8 | 7.5' | 7.5' | 40' | 12 | 8.0' | 8.0' | 55' | 7 | 8.0' | 8.0' | 50' | 7 | 12.8' | 12.8' |
| | | 50' | 7 | 4.5' | 4.5' | 45' | 7 | 8.3' | 8.3' | 45' | 13 | 8.8' | 8.8' | 60' | 6 | 8.8' | 8.8' | 55' | 6 | 15.6' | 15.6' |
| | | 55' | 6 | 4.9' | 4.9' | 50' | 6 | 9.1' | 9.1' | 50' | 14 | 9.6' | 9.6' | 65' | 5 | 9.6' | 9.6' | 60' | 5 | 19.2' | 19.2' |
| | | 60' | 5 | 5.3' | 5.3' | 55' | 5 | 9.9' | 9.9' | 55' | 15 | 10.1' | 10.1' | 70' | 4 | 10.1' | 10.1' | 65' | 4 | 23.2' | 23.2' |
| | | 65' | 4 | 5.7' | 5.7' | 60' | 4 | 10.7' | 10.7' | 60' | 16 | 10.7' | 10.7' | 75' | 3 | 10.7' | 10.7' | 70' | 3 | 28.0' | 28.0' |
| | | 70' | 3 | 6.1' | 6.1' | 65' | 3 | 11.5' | 11.5' | 65' | 17 | 11.2' | 11.2' | 80' | 2 | 11.2' | 11.2' | 75' | 2 | 33.6' | 33.6' |
| | | 75' | 2 | 6.5' | 6.5' | 70' | 2 | 12.3' | 12.3' | 70' | 18 | 11.9' | 11.9' | 85' | 1 | 11.9' | 11.9' | 80' | 1 | 40.8' | 40.8' |
| | | 80' | 1 | 6.9' | 6.9' | 75' | 1 | 13.1' | 13.1' | 75' | 19 | 12.6' | 12.6' | 90' | 1 | 12.6' | 12.6' | 85' | 1 | 49.6' | 49.6' |
| | | 85' | 1 | 7.3' | 7.3' | 80' | 1 | 13.9' | 13.9' | 80' | 20 | 13.3' | 13.3' | 95' | 1 | 13.3' | 13.3' | 90' | 1 | 59.2' | 59.2' |
| | | 90' | 1 | 7.7' | 7.7' | 85' | 1 | 14.7' | 14.7' | 85' | 21 | 14.0' | 14.0' | 100' | 1 | 14.0' | 14.0' | 95' | 1 | 70.4' | 70.4' |
| | | 95' | 1 | 8.1' | 8.1' | 90' | 1 | 15.5' | 15.5' | 90' | 22 | 14.8' | 14.8' | 105' | 1 | 14.8' | 14.8' | 100' | 1 | 83.2' | 83.2' |
| | | 100' | 1 | 8.5' | 8.5' | 95' | 1 | 16.3' | 16.3' | 95' | 23 | 15.6' | 15.6' | 110' | 1 | 15.6' | 15.6' | 105' | 1 | 97.6' | 97.6' |
| | | 105' | 1 | 8.9' | 8.9' | 100' | 1 | 17.1' | 17.1' | 100' | 24 | 16.4' | 16.4' | 115' | 1 | 16.4' | 16.4' | 110' | 1 | 113.6' | 113.6' |
| | | 110' | 1 | 9.3' | 9.3' | 105' | 1 | 17.9' | 17.9' | 105' | 25 | 17.2' | 17.2' | 120' | 1 | 17.2' | 17.2' | 115' | 1 | 131.2' | 131.2' |
| | | 115' | 1 | 9.7' | 9.7' | 110' | 1 | 18.7' | 18.7' | 110' | 26 | 18.0' | 18.0' | 125' | 1 | 18.0' | 18.0' | 120' | 1 | 150.4' | 150.4' |
| | | 120' | 1 | 10.1' | 10.1' | 115' | 1 | 19.5' | 19.5' | 115' | 27 | 18.8' | 18.8' | 130' | 1 | 18.8' | 18.8' | 125' | 1 | 171.2' | 171.2' |
| | | 125' | 1 | 10.5' | 10.5' | 120' | 1 | 20.3' | 20.3' | 120' | 28 | 19.6' | 19.6' | 135' | 1 | 19.6' | 19.6' | 130' | 1 | 193.6' | 193.6' |
| | | 130' | 1 | 10.9' | 10.9' | 125' | 1 | 21.1' | 21.1' | 125' | 29 | 20.4' | 20.4' | 140' | 1 | 20.4' | 20.4' | 135' | 1 | 217.6' | 217.6' |
| | | 135' | 1 | 11.3' | 11.3' | 130' | 1 | 21.9' | 21.9' | 130' | 30 | 21.2' | 21.2' | 145' | 1 | 21.2' | 21.2' | 140' | 1 | 243.2' | 243.2' |
| | | 140' | 1 | 11.7' | 11.7' | 135' | 1 | 22.7' | 22.7' | 135' | 31 | 22.0' | 22.0' | 150' | 1 | 22.0' | 22.0' | 145' | 1 | 270.4' | 270.4' |
| | | 145' | 1 | 12.1' | 12.1' | 140' | 1 | 23.5' | 23.5' | 140' | 32 | 22.8' | 22.8' | 155' | 1 | 22.8' | 22.8' | 150' | 1 | 300.0' | 300.0' |
| | | 150' | 1 | 12.5' | 12.5' | 145' | 1 | 24.3' | 24.3' | 145' | 33 | 23.6' | 23.6' | 160' | 1 | 23.6' | 23.6' | 155' | 1 | 331.2' | 331.2' |
| | | 155' | 1 | 12.9' | 12.9' | 150' | 1 | 25.1' | 25.1' | 150' | 34 | 24.4' | 24.4' | 165' | 1 | 24.4' | 24.4' | 160' | 1 | 364.0' | 364.0' |
| | | 160' | 1 | 13.3' | 13.3' | 155' | 1 | 25.9' | 25.9' | 155' | 35 | 25.2' | 25.2' | 170' | 1 | 25.2' | 25.2' | 165' | 1 | 408.0' | 408.0' |
| | | 165' | 1 | 13.7' | 13.7' | 160' | 1 | 26.7' | 26.7' | 160' | 36 | 26.0' | 26.0' | 175' | 1 | 26.0' | 26.0' | 170' | 1 | 453.6' | 453.6' |
| | | 170' | 1 | 14.1' | 14.1' | 165' | 1 | 27.5' | 27.5' | 165' | 37 | 26.8' | 26.8' | 180' | 1 | 26.8' | 26.8' | 175' | 1 | 500.8' | 500.8' |
| | | 175' | 1 | 14.5' | 14.5' | 170' | 1 | 28.3' | 28.3' | 170' | 38 | 27.6' | 27.6' | 185' | 1 | 27.6' | 27.6' | 180' | 1 | 549.6' | 549.6' |
| | | 180' | 1 | 14.9' | 14.9' | 175' | 1 | 29.1' | 29.1' | 175' | 39 | 28.4' | 28.4' | 190' | 1 | 28.4' | 28.4' | 185' | 1 | 600.0' | 600.0' |
| | | 185' | 1 | 15.3' | 15.3' | 180' | 1 | 29.9' | 29.9' | 180' | 40 | 29.2' | 29.2' | 195' | 1 | 29.2' | 29.2' | 190' | 1 | 652.0' | 652.0' |
| | | 190' | 1 | 15.7' | 15.7' | 185' | 1 | 30.7' | 30.7' | 185' | 41 | 30.0' | 30.0' | 200' | 1 | 30.0' | 30.0' | 195' | 1 | 705.6' | 705.6' |
| | | 195' | 1 | 16.1' | 16.1' | 190' | 1 | 31.5' | 31.5' | 190' | 42 | 30.8' | 30.8' | 205' | 1 | 30.8' | 30.8' | 200' | 1 | 760.8' | 760.8' |
| | | 200' | 1 | 16.5' | 16.5' | 195' | 1 | 32.3' | 32.3' | 195' | 43 | 31.6' | 31.6' | 210' | 1 | 31.6' | 31.6' | 205' | 1 | 817.6' | 817.6' |
| | | 205' | 1 | 16.9' | 16.9' | 200' | 1 | 33.1' | 33.1' | 200' | 44 | 32.4' | 32.4' | 215' | 1 | 32.4' | 32.4' | 210' | 1 | 876.0' | 876.0' |
| | | 210' | 1 | 17.3' | 17.3' | 205' | 1 | 33.9' | 33.9' | 205' | 45 | 33.2' | 33.2' | 220' | 1 | 33.2' | 33.2' | 215' | 1 | 936.0' | 936.0' |
| | | 215' | 1 | 17.7' | 17.7' | 210' | 1 | 34.7' | 34.7' | 210' | 46 | 34.0' | 34.0' | 225' | 1 | 34.0' | 34.0' | 220' | 1 | 997.6' | 997.6' |
| | | 220' | 1 | 18.1' | 18.1' | 215' | 1 | 35.5' | 35.5' | 215' | 47 | 34.8' | 34.8' | 230' | 1 | 34.8' | 34.8' | 225' | 1 | 1060.8' | 1060.8' |
| | | 225' | 1 | 18.5' | 18.5' | 220' | 1 | 36.3' | 36.3' | 220' | 48 | 35.6' | 35.6' | 235' | 1 | 35.6' | 35.6' | 230' | 1 | 1125.6' | 1125.6' |
| | | 230' | 1 | 18.9' | 18.9' | 225' | 1 | 37.1' | 37.1' | 225' | 49 | 36.4' | 36.4' | 240' | 1 | 36.4' | 36.4' | 235' | 1 | 1192.0' | 1192.0' |
| | | 235' | 1 | 19.3' | 19.3' | 230' | 1 | 37.9' | 37.9' | 230' | 50 | 37.2' | 37.2' | 245' | 1 | 37.2' | 37.2' | 240' | 1 | 1260.0' | 1260.0' |
| | | 240' | 1 | 19.7' | 19.7' | 235' | 1 | 38.7' | 38.7' | 235' | 51 | 38.0' | 38.0' | 250' | 1 | 38.0' | 38.0' | 245' | 1 | 1329.6' | 1329.6' |
| | | 245' | 1 | 20.1' | 20.1' | 240' | 1 | 39.5' | 39.5' | 240' | 52 | 38.8' | 38.8' | 255' | 1 | 38.8' | 38.8' | 250' | 1 | 1400.8' | 1400.8' |
| | | 250' | 1 | 20.5' | 20.5' | 245' | 1 | 40.3' | 40.3' | 245' | 53 | 39.6' | 39.6' | 260' | 1 | 39.6' | 39.6' | 255' | 1 | 1473.6' | 1473.6' |
| | | 255' | 1 | 20.9' | 20.9' | 250' | 1 | 41.1' | 41.1' | 250' | 54 | 40.4' | 40.4' | 265' | 1 | 40.4' | 40.4' | 260' | 1 | 1548.0' | 1548.0' |
| | | 260' | 1 | 21.3' | 21.3' | 255' | 1 | 41.9' | 41.9' | 255' | 55 | 41.2' | 41.2' | 270' | 1 | 41.2' | 41.2' | 265' | 1 | 1624.0' | 1624.0' |
| | | 265' | 1 | 21.7' | 21.7' | 260' | 1 | 42.7' | 42.7' | 260' | 56 | 42.0' | 42.0' | 275' | 1 | 42.0' | 42.0' | 270' | 1 | 1701.6' | 1701.6' |
| | | 270' | 1 | 22.1' | 22.1' | 265' | 1 | 43.5' | 43.5' | 265' | 57 | 42.8' | 42.8' | 280' | 1 | 42.8' | 42.8' | 275' | 1 | 1780.8' | 1780.8' |
| | | 275' | 1 | 22.5' | 22.5' | 270' | 1 | 44.3' | 44.3' | 270' | 58 | 43.6' | 43.6' | 285' | 1 | 43.6' | 43.6' | 280' | 1 | 1862.4' | 1862.4' |
| | | 280' | 1 | 22.9' | 22.9' | 275' | 1 | 45.1' | 45.1' | 275' | 59 | 44.4' | 44.4' | 290' | 1 | 44.4' | 44.4' | 285' | 1 | 1945.6' | 1945.6' |
| | | 285' | 1 | 23.3' | 23.3' | 280' | 1 | 45.9' | 45.9' | 280' | 60 | 45.2' | 45.2' | 295' | 1 | 45.2' | 45.2' | 290' | 1 | 2030.4' | 2030.4' |
| | | 290' | 1 | 23.7' | 23.7' | 285' | 1 | 46.7' | 46.7' | 285' | 61 | 46.0' | 46.0' | 300' | 1 | 46.0' | 46.0' | 295' | 1 | 2117.6' | 2117.6' |
| | | 295' | 1 | 24.1' | 24.1' | 290' | 1 | 47.5' | 47.5' | 290' | 62 | 46.8' | 46.8' | 305' | 1 | 46.8' | 46.8' | 300' | 1 | 2207.2' | 2207.2' |
| | | 300' | 1 | 24.5' | 24.5' | 295' | 1 | 48.3' | 48.3' | 295' | 63 | 47.6' | 47.6' | 310' | 1 | 47.6' | 47.6' | 305' | 1 | 2298.4' | 2298.4' |
| | | 305' | 1 | 24.9' | 24.9' | 300' | 1 | 49.1' | 49.1' | 300' | 64 | 48.4' | 48.4' | 315' | 1 | 48.4' | 48.4' | 310' | 1 | 2391.2' | 2391.2' |
| | | 310' | 1 | 25.3' | 25.3' | 305' | 1 | 49.9' | 49.9' | 305' | 65 | 49.2' | 49.2' | 320' | 1 | 49.2' | 49.2' | 315' | 1 | 2485.6' | 2485.6' |
| | | 315' | 1 | 25.7' | 25.7' | 310' | 1 | 50.7' | 50.7' | 310' | 66 | 50.0' | 50.0' | 325' | 1 | 50.0' | 50.0' | 320' | 1 | 2581.6' | 2581.6' |
| | | 320' | 1 | 26.1' | 26.1' | 315' | 1 | 51.5' | 51.5' | 315' | 67 | 50.8' | 50.8' | 330' | 1 | 50.8' | 50.8' | 325' | 1 | 2679.2' | 2679.2' |
| | | 325' | 1 | 26.5' | 26.5' | 320' | 1 | 52.3' | 52.3' | 320' | 68 | 51.6' | 51.6' | 335' | 1 | 51.6' | 51.6' | 330' | 1 | 2778.4' | 2778.4' |
| | | 330' | 1 | 26.9' | 26.9' | 325' | 1 | 53.1' | 53.1' | 325' | 69 | 52.4' | 52.4' | 340' | 1 | 52.4' | 52.4' | 335' | 1 | 2879.2' | 2879.2' |
| | | 335' | 1 | 27.3' | 27.3' | 330' | 1 | 53.9' | 53.9' | 330' | 70 | 53.2' | 53.2' | 345' | 1 | 53.2' | 53.2' | 340' | 1 | 2981.6 | |